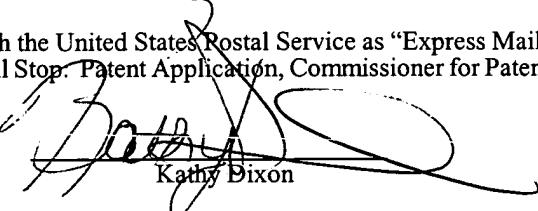


TRANSMITTAL FORM

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail" under Label No. EL 995 797 352US in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

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Kathy Dixon

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Doc. #: 67,200-1080
Mailing Date: Oct. 10, 2003

22141 U.S.P.T.O.
10/684096



Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Chun-Chu Uang Wei-Chih Lin

For: Method to Solve the Multi-Path and to Implement the Roaming Function

Submitted herewith are:

- 1 sheet(s) of formal drawings
 An Assignment of the invention to Taiwan Semiconductor Manufacturing Co., Ltd., together with Assignment Recordal Sheet
 A Declaration for patent application under CFR 1.63 and 1.68

The filing fee has been calculated as shown below:

| | No. Filed | No. Extra | Small Entity Fee | Large Entity Fee | Total |
|---------------------|-----------|-----------|------------------|------------------|-----------------|
| Basic Fee | | | \$385.00 | \$770.00 | \$770.00 |
| Total Claims | 20x20 | 0 x | \$9.00 | \$18.00 | \$0 |
| Indep. Claims | 3-3 | 0 x | \$43.00 | \$86.00 | \$0 |
| Multiple Dep. Clms. | | | \$145.00 | \$290.00 | \$0 |
| Assign. Rec. Fee | | | \$40.00 | \$40.00 | \$40.00 |
| TOTAL | | | | | \$810.00 |

Mailing Date: Oct. 10, 2003
Attorney Docket No.: b7200-1080

- Attached is a Credit Card Payment Form for the sum of \$ 810.00
- Charge American Express Credit Card No. 3715 663193 71002 the sum of \$ 810.00
A duplicate copy of this transmittal is attached.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to American Express Credit Card No. 3715 663193 71002.
A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 CFR 1.6
 Any patent application processing fees under 37 CFR 1.17

Respectfully submitted,

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RWT/kd
Enclosures